

S/N 09/510,375

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Brett L. Williams

Examiner: Hong Kim

Serial No.: 09/510,375

Group Art Unit: 2185

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Docket: 303.164US3

Title: SYSTEM SUPPORTING MULTIPLE MEMORY MODES INCLUDING A
BURST EXTENDED DATA OUT MODE

PATENT RECEIVED

SEP 27 2001

Group 2100J

SUPPLEMENTAL PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

When the above-identified application is taken up for consideration, please amend the application as follows:

IN THE CLAIMS

Please add the following new claims 40-49:

- Sub E1
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C1
40. (New) A system, comprising:
a bus for transferring information;
a memory, coupled to the bus, comprised of a memory device operable in a mode selected from the group consisting of burst extended data out mode and a second operation mode, wherein the memory has a first set of access control signals for operation in the burst extended data out mode and a second set of access control signals for operation in the second operation mode;
a programmable memory controller, coupled to the bus and to the memory, capable of providing the first set of access control signal timing requirements and the second set of access control signal timing requirements to the memory; and
a processor, coupled to the bus and the memory controller, responsive to at least information from the memory to program the memory controller to provide a set of access control signals to the memory in accordance with the memory device mode, wherein the information from the memory includes data read from the memory device.

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01 FC:102
02 FC:103

480.00 OP
72.00 OP